

**DECLARATION**

AS A BELOW NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole (*if only one name is listed below*), or an original, first and joint inventor (*if plural names are listed below*), of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**TITLE: IMPROVING THE STABILITY OF ION BEAM GENERATED ALIGNMENT LAYERS BY SURFACE MODIFICATION**

the specification of which either is attached hereto or indicates an attorney docket no. \_\_\_\_\_, or:

☒ was filed in the U.S. Patent & Trademark Office on November 30, 2000 and assigned Serial No. 09/726,951,

☐ and (*if applicable*) was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability and to the examination of this application in accordance with Title 37 of the Code of Federal Regulations §1.56. I hereby claim foreign priority benefits under Title 35, U.S. Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below any foreign applications for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**Priority Claimed:**

Yes [ ] No [ ]

\_\_\_\_\_  
(Application Number) (Country) (Day/Month/Year filed)

Yes [ ] No [ ]

\_\_\_\_\_  
(Application Number) (Country) (Day/Month/Year filed)

I hereby claim the benefit under Title 35, U.S. Code, §120 of any United States application(s), or §119(e) of any United States provisional application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of Title 35, U.S. Code, §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, The Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

\_\_\_\_\_  
(Application Serial Number) (Filing Date) (STATUS: patented, pending, abandoned)

\_\_\_\_\_  
(Application Serial Number) (Filing Date) (STATUS: patented, pending, abandoned)

I hereby appoint the following attorneys: MANNY W. SCHECTER, Reg. No. 31,722; LAUREN C. BRUZZONE, Reg. No. 35,082; CHRISTOPHER A. HUGHES, Reg. No. 26,914; JOHN E. HOEL, Reg. No. 26,279; JOSEPH C. REDMOND, Jr., Reg. No. 18,753; PAUL J. OTTERSTEDT, Reg. No. 37,411; DOUGLAS W. CAMERON, Reg. No. 31,596; STEPHEN C. KAUFMAN, Reg. No. 29,551; DANIEL P. MORRIS, Reg. No. 32,053; LOUIS J. PERCELLO, Reg. No. 33,206; MARIAN UNDERWEISER, Reg. No. 46,134; ROBERT M. TREPP, Reg. No. 25,933; LOUIS P. HERZBERG, Reg. No. 41,500; RICHARD M. LUDWIN, Reg. No. 33,010; MARC A. EHRLICH, Reg. No. 39,966; ROBERT P. TASSINARI, JR., Reg. No. 36,030; and DEREK S. JENNINGS, Reg. No. 41,473; GAIL ZARICK, Reg. No. 43,303; TIMOTHY M. FARRELL, Reg. No. 37,321; each of them of INTERNATIONAL BUSINESS MACHINES CORPORATION, Thomas J. Watson Research Center, P.O. Box 218, Yorktown Heights, New York 10598; to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith and with any divisional, continuation, continuation-in-part, reissue or re-examination application, with full power of appointment and with full power to substitute an associate attorney or agent, and to receive all patents which may issue thereon, and request that all correspondence be addressed to:

Frank Chau, Esq.  
F. CHAU & ASSOCIATES, LLP  
1900 Hempstead Turnpike, Suite 501  
East Meadow, New York 11554  
Tel.: 516-357-0091

I HEREBY DECLARE that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF FIRST OR SOLE INVENTOR: Alessandro C. Callegari Citizenship USA

Inventor's signature: *Alessandro Callegari* Date: 3/9/01  
Residence: Yorktown Heights, New York

Post Office Address: 756 Hanover Street, Yorktown Heights, NY 10598

FULL NAME OF SECOND JOINT INVENTOR: Praveen Chaudhari Citizenship USA

Inventor's signature: *Praveen Chaudhari* Date: 3/7/01  
Residence: Briarcliff Manor, New York

Post Office Address: 416 Long Hill Road East, Briarcliff Manor, NY 10510

FULL NAME OF THIRD JOINT INVENTOR: Fuad E. Doany Citizenship USA

Inventor's signature: *Fuad E. Doany* Date: 2/26/01  
Residence: Katonah, New York

Post Office Address: 125 Cedar Road, Katonah, NY 10536

FULL NAME OF FOURTH JOINT INVENTOR: James P. Doyle Citizenship USA

Inventor's signature: *James P. Doyle* Date: 2/27/01  
Residence: Bronx, New York

Post Office Address: 2732 Gifford Avenue, Bronx, NY 10465

FULL NAME OF FIFTH JOINT INVENTOR: Eileen A. Galligan Citizenship USA

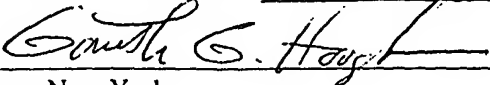
Inventor's signature: *Eileen A. Galligan* Date: 3/07/01  
Residence: Fishkill, New York

Post Office Address: 270 Crestwood Court, Fishkill, NY 12524

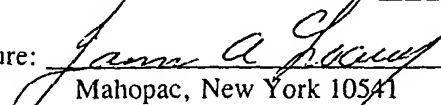
FULL NAME OF SIXTH INVENTOR: James H. Glownia Citizenship USA

Inventor's signature: *James H. Glownia* Date: 3/02/01  
Residence: Somers, New York

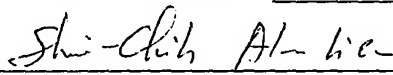
Post Office Address: 76 Mitchell Road, Somers, NY 10589

FULL NAME OF SEVENTH JOINT INVENTOR: Gareth G. Hougham Citizenship USA  
Inventor's signature:  Date: 1/22/01  
Residence: Ossining, New York

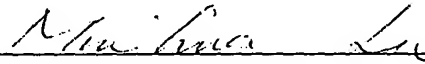
Post Office Address: 53 Old Albany Post Road, Ossining, NY 10562

FULL NAME OF EIGHTH JOINT INVENTOR: James A. Lacey Citizenship USA  
Inventor's signature:  Date: 3/2/01  
Residence: Mahopac, New York 10541

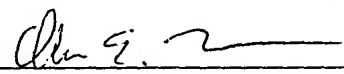
Post Office Address: 44 Mountain View Drive, Mahopac, NY 10541

FULL NAME OF NINTH JOINT INVENTOR: Shui-Chih Lien Citizenship USA  
Inventor's signature:  Date: 2/26/2001  
Residence: Briarcliff Manor, New York

Post Office Address: 19 Pea Pond Lane, Briarcliff Manor, NY 10510

FULL NAME OF TENTH JOINT INVENTOR: Minhua Lu Citizenship P.R. China  
Inventor's signature:  Date: 2/26/2001  
Residence: Mohegan Lake, New York

Post Office Address: 3872 Marcy Street, Mohegan Lake, NY 10547

FULL NAME OF ELEVENTH JOINT INVENTOR: Alan E. Rosenbluth Citizenship USA  
Inventor's signature:  Date: 3/12/2001  
Residence: Yorktown Heights, New York

Post Office Address: 3017 Hickory Street, Yorktown Heights, NY 10598

FULL NAME OF TWELFTH JOINT INVENTOR: Kei-Hsiung Yang Citizenship USA  
Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Katonah, New York

Post Office Address: 12 Cobbling Rock Drive, Katonah, NY 10536

FULL NAME OF SEVENTH JOINT INVENTOR: Gareth G. Hougham Citizenship USA

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Ossining, New York

Post Office Address: 53 Old Albany Post Road, Ossining, NY 10562

FULL NAME OF EIGHTH JOINT INVENTOR: James A. Lacey Citizenship USA

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Mahopac, New York 10541

Post Office Address: 44 Mountain View Drive, Mahopac, NY 10541

FULL NAME OF NINTH JOINT INVENTOR: Shui-Chih Lien Citizenship USA

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Briarcliff Manor, New York

Post Office Address: 19 Pea Pond Lane, Briarcliff Manor, NY 10510

FULL NAME OF TENTH JOINT INVENTOR: Minhua Lu Citizenship P.R. China

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Mohegan Lake, New York

Post Office Address: 3872 Marcy Street, Mohegan Lake, NY 10547

FULL NAME OF ELEVENTH JOINT INVENTOR: Alan E. Rosenbluth Citizenship USA

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Yorktown Heights, New York

Post Office Address: 3017 Hickory Street, Yorktown Heights, NY 10598

FULL NAME OF TWELFTH JOINT INVENTOR: Kei-Hsiung Yang Citizenship USA

Inventor's signature:  Date: March 5, 2001

Residence: Katonah, New York

Post Office Address: 12 Cobbling Rock Drive, Katonah, NY 10536